

TRANSPARENT OPTIMIZATION OF NETWORK TRAFFIC IN EXISTING DISTRIBUTED APPLICATIONS

Abstract

A distributed system having a client and a server includes a state manager interposed between the client and the server. The state manager has a capability to generate a list of object attributes required to represent a state of the distributed system and a capability to cache object attributes so as to be locally accessible by the client. The distributed system further includes a service component interposed between the state manager and the server. The service component has a capability to fetch data from the server based on the list of object attributes.

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